



ICAO

Sixth Meeting of the Aerodromes Operations and  
Planning Sub-Group (AOP/SG/6)

*Video Teleconference, 27 to 30 June 2022*

**Agenda Item 5: APANPIRG Air Navigation Deficiency in AOP Area**

**STATUS OF AIR NAVIGATION DEFICIENCIES IN AOP FIELD**

(Presented by the Secretariat)

**SUMMARY**

This Paper presents a list of Air Navigation Deficiencies noted by the 32<sup>nd</sup> Meeting of APANPIRG (video teleconference, 1 to 3 December 2021) in the AOP field for review and update by the AOP/SG. The list is based on the uniform methodology for the identification, assessment and reporting of such Deficiencies as described in Part V of the *APANPIRG Procedural Handbook*.

This Paper also presents a list of AOP Focal Points for States / Administrations review and update.

**1. INTRODUCTION**

1.1 Under the Terms of Reference of APANPIRG, one of the primary objectives is to identify and address specific Deficiencies in the air navigation field. In meeting this objective, APANPIRG facilitates the development and implementation of action plans by States to resolve identified Deficiencies, where necessary. Consequently, APANPIRG and its Sub-groups regularly review Deficiencies in their respective fields and develop recommendations for remedial actions.

1.2 The uniform methodology for the identification, assessment and reporting of air navigation Deficiencies (henceforth referred to as Uniform Methodology) was prepared with the assistance of the Planning and Implementation Regional Groups (PIRGs) of ICAO and approved by the ICAO Council on 30 November 2001 for the efficient identification, assessment and clear reporting of Air Navigation Deficiencies.

1.3 To support the implementation of the Uniform Methodology, every PIRG has developed its own unique deficiency database as a means of sharing safety information related to air navigation systems and viewed/used by that respective region(s) only. The online deficiency database is available through the ICAO APAC website: <https://www.icao.int/APAC/Meetings/Pages/APANPIRG.aspx> via secure access provided by the Regional Office to States and International Organizations concerned.

## 2. DISCUSSION

### AOP Air Navigation Deficiency List

2.1 The status of Air Navigation Deficiencies in the AOP field was reviewed by APANPIRG/32 (video teleconference, 1 to 3 December 2021) and the updated list of Air Navigation Deficiencies in the AOP field endorsed by APANPIRG/32 is provided in **Attachment A**.

2.2 APANPIRG/32 urged States concerned to establish action plan with defined target dates for resolution of deficiencies, update the status on the corrective actions and report progress in the Reporting Form of Air Navigation Deficiencies identified in AOP field and update contact details of a Focal Point to coordinate actions to resolve the Deficiencies as detailed in **Attachment A**.

2.3 APANPIRG/32 also noted that it was the responsibility of States with Deficiencies to update the information in the Deficiency database, and the Regional Office will update the Deficiencies based on written confirmation provided by their respective Administrations.

2.4 ICAO Regional Office in State Letters AN 3/3 – AP015/22 (AGA) dated 19 January 2022 requested concerned States/Administrations to note and take action for resolving the Air Navigation Deficiencies and followed up for the same via Letter Ref.: T 11/2.1 – AP-AGA0004/22 dated 5 May 2022.

2.5 In response to above letters, 6 States including Cook Islands, New Zealand, Niue, Sri Lanka, Thailand, Timor-Leste and Viet Nam provided updates on their Air Navigation Deficiencies in the AOP field, which have been incorporated in **Attachment A**.

2.6 As U-Tapao Airport (Thailand) was certified in March 2022; and Cook Islands, Malaysia, New Zealand and Niue promulgated the information on the status of certification of aerodromes in their AIP, APAC Office had taken necessary action to remove them from *APANPIRG Air Navigation Deficiency List in AOP Field* as per procedures described in APANPIRG Procedural Handbook.

### AOP Focal Points

2.7 For effective and efficient communications between States / Administrations and ICAO APAC Office on AOP matters, including but not limited to the resolution of Air Navigation Deficiencies in the AOP field, the AOP/SG/4 adopted **Conclusion AOP/SG/4-15: AOP Focal Points** urging States / Administrations to review and update contact details of AOP Focal Points.

2.8 The updated list of AOP Focal Points is available in **Attachment B** for further review by the AOP/SG.

## 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review the deficiencies listed in **Attachment A** for further consideration by APANPIRG/33;
- b) urge States / Administrations to establish/update action plans with defined target dates for resolution of deficiencies, update the status on the corrective actions taken and report progress in the Reporting Form of Air Navigation Deficiencies identified in AOP field; and
- c) review and update the list of AOP Focal Points in **Attachment B**.

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |                                | Deficiencies                                 |                           |  | Corrective Action |                |                           |                       |
|---|--------------------------------|--|---------------------------|--|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities              | Description                                  | Date first reported       | Remarks  | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I                                    | <u>Afghanistan</u>             |  |                           |  |                   |                |                           |                       |
|   | Herat International Airport    | Aerodrome Certification                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
|   | Kabul International Airport    | Aerodrome Certification                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
|   | Kandahar International Airport | Aerodrome Certification                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
|   | Mazar-e-Sharif Airport         | Aerodrome Certification                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | AIP                            | Status of Certification of Aerodromes in AIP | Effective from 1 Jan 2021 | Status of certification of aerodromes yet to be published in AIP AD 1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |                                   | Deficiencies                                 |                           |  | Corrective Action |                |                           |                       |
|---|-----------------------------------|--|---------------------------|--|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities                 | Description                                  | Date first reported       | Remarks  | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | <u>American Samoa (US)</u><br>AIP | Status of Certification of Aerodromes in AIP | Effective from 1 Jan 2021 | Status of certification of aerodromes yet to be published in AIP AD 1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification               |  | Deficiencies               |  |   | Corrective Action   |                |   |                       |
|------------------------------|--|----------------------------|--|---|---|----------------|---|-----------------------|
| Requirements                 | States/facilities  | Description                | Date first reported                        | Remarks   | Description   | Executing body | Target date of completion   | Priority for action** |
| <b>Annex 14<br/>Volume I</b> | <b><u>Bangladesh</u><br/>Hazrat<br/>Shahjalal<br/>International<br/>Airport, Dhaka</b> | <b>Runway/<br/>Taxiway</b> | <b>ICAO<br/>mission<br/>April<br/>2009</b> | Runway strip width insufficient (280m strip not available for the full length of runway); | runway strip in accordance with Annex 14, volume I will be provided | CAABD          | Runway strip width 280m available for the full length of runway (mitigation measures for storm water drain on the western side strip under process. No obstructions on graded area) | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 16 Dec. 2020

| Identification       |  | Deficiencies                           |                            |   | Corrective Action  |   |                           |                       |
|----------------------|--|--|----------------------------|---|--|---|---------------------------|-----------------------|
| Requirements         | States/facilities  | Description                            | Date first reported        | Remarks   | Description  | Executing body                            | Target date of completion | Priority for action** |
| Annex 14<br>Volume I | <u>Brunei Darussalam</u><br><br>Brunei International Airport | Taxiway                                | ICAO Mission of April 2011 | non provision of enhanced taxiway centre line marking in accordance with Para 5.2.8 of Annex 14, Volume I       | Both Northern Parallel Taxiway and Southern Parallel Taxiway Centre line have been repainted yellow and enhanced with black borders on each side.                            | Airport Operator (DCA Aerodrome Division) |                           | A                     |
|                      |  |  |                            | Objects on taxiway strips; vegetation on pavement joints and maintenance of joints                              |  |   |                           | A                     |
|                      |  | Apron                                  |                            | non provision of ICAO compliant signage in accordance with section 5.4 Annex 14, Volume I                       | Airfield signages have always been provided at BIA that follow ICAO standards and measurement. Recent replacement of old and faded labels have also been completed in 2018.  | Airport Operator (DCA Aerodrome Division) |                           | A                     |
|                      |  | <b>Rescue and Fire Fighting (RFF):</b> |                            | non provision of direct access for the rescue and fire fighting vehicles from the fire station into the runway; | Duly noted that there is no direct access for fire fighting vehicles to the runway at the moment, but one will be concluded within the second phase of the Airfield Pavement | Airport Operator (DCA Aerodrome Division) | 4th Qtr. 2022             | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

| Identification                                    |                                     | Deficiencies  |                           |   | Corrective Action   |   |                           |                       |
|---|-------------------------------------|---|---------------------------|---|---|---|---------------------------|-----------------------|
| Requirements                                      | States/facilities                   | Description   | Date first reported       | Remarks   | Description   | Executing body                            | Target date of completion | Priority for action** |
|   |                                     |   |                           |   | Rehabilitation Project.   |   |                           |                       |
|   |                                     | Wildlife Hazards:                                   |                           | Establishing a national bird control committee in accordance with APANPIRG Conclusion 18/1. | Aerodrome Division headed by Head of Aerodrome to firstly establish an in-house committee and will cooperate with Regulatory Division | Airport Operator (DCA Aerodrome Division) | 4th Qtr. 2021             | B                     |
|   | <b>Brunei International Airport</b> | <b>Aerodrome Certification</b>                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.  |   |   |                           | A                     |
| <b>Annex 14 Volume I PANS-Aerodromes PANS-AIM</b> | AIP                                 | <b>Status of Certification of Aerodromes in AIP</b> | Effective from 1 Jan 2021 | Status of certification of aerodromes yet to be published in AIP AD 1.5.                    |   |   |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |                   | Deficiencies  |                           |  | Corrective Action |                |                           |                       |
|---|-------------------|---|---------------------------|--|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities | Description   | Date first reported       | Remarks  | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I                                    | <u>China</u>      |   |                           |  |                   |                |                           |                       |
|   | Hualien Airport   | <b>Aerodrome Certification</b>                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
|   | Taichung Airport  | <b>Aerodrome Certification</b>                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
|   | Tainan Airport    | <b>Aerodrome Certification</b>                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | AIP               | <b>Status of Certification of Aerodromes in AIP</b> | Effective from 1 Jan 2021 | Status of certification of some of the aerodromes used for international operations yet to be published in AIP AD 1.5. |                   |                |                           | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 16 Dec. 2020 8 March 2022

| Identification   |                                | Deficiencies  |                              |   | Corrective Action |                |  |                       |
|--|--------------------------------|---|------------------------------|---|-------------------|----------------|--|-----------------------|
| Requirements   | States/facilities              | Description   | Date first reported          | Remarks   | Description       | Executing body | Target date of completion  | Priority for action** |
| <b>Annex 14<br/>Volume I<br/>PANS-<br/>Aerodromes<br/>PANS-AIM</b> | <u>Cook Islands</u><br><br>AIP | <b>Status of Certification of<br/>Aerodromes in AIP</b> | Effective from<br>1 Jan 2021 | Status of certification<br>of aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                | Published in<br>AD 1.5 of AIP<br>Cook Islands,<br>Effective 12<br>Aug. 2021<br><b>CLOSED</b> | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |                             | Deficiencies                                    |                              |   | Corrective Action |                |                           |                       |
|---|-----------------------------|---|------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities           | Description                                     | Date first reported          | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | <u>Guam (US)</u><br><br>AIP | Status of Certification of<br>Aerodromes in AIP | Effective from<br>1 Jan 2021 | Status of certification<br>of aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification     |   | Deficiencies            |                           |  | Corrective Action  |                |   |                       |
|--------------------|---|-------------------------|---------------------------|--|--|----------------|---|-----------------------|
| Requirements       | States/facilities                             | Description             | Date first reported       | Remarks  | Description  | Executing body | Target date of completion   | Priority for action** |
| Annex 14 Volume I  | <u>India</u><br>Chennai International Airport | Runway                  | AGA mission January 2009  | Runway strip is insufficient 300m strip width is not available for the full length of runway 07/25 in accordance with 3.4.3 of Annex 14, Volume I. | 280m strip width for full length of runway 07/25 will be made available. | AAI            | Work in progress.<br><br>Due to COVID-19 work is held up. PDC for straightening of B taxiway alone is 30-09-2020.   | A                     |
| Annex 14, Volume I | Mumbai International Airport                  | Runway                  | AGA mission January 2009  | Runway strip is insufficient 300m strip width is not available for the full length of runway 09/27 in accordance with 3.4.3 of Annex 14, Volume I. | 280m strip width for full length of runway 09/27 will be made available  | MIAL           | 31 Dec 2022.<br><br>Due to presence of slum in beginning of RWY 09/27 south – RWY strip 280m not available.<br><br>Due to presence of slum of either side at beginning of RWY 14/32 – RWY strip 280m not available. | A                     |
| Annex 14 Volume I  | Chandigarh Airport                            | Aerodrome Certification | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |  |                |   | A                     |
| Annex 14 Volume I  | Goa Airport                                   | Aerodrome Certification | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |  |                |   | A                     |
| Annex 14 Volume I  | Port Blair Airport                            | Aerodrome Certification | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |  |                |   | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

| Identification                                   |                   | Deficiencies                                 |                           |  | Corrective Action |                |                           |                       |
|--|-------------------|--|---------------------------|--|-------------------|----------------|---------------------------|-----------------------|
| Requirements                                     | States/facilities | Description                                  | Date first reported       | Remarks  | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14 Volume I                                | Pune Airport      | Aerodrome Certification                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
| Annex 14 Volume I                                | Srinagar Airport  | Aerodrome Certification                      | Effective from 1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
| Annex 14 Volume I<br>PANS-Aerodromes<br>PANS-AIM | AIP               | Status of Certification of Aerodromes in AIP | Effective from 1 Jan 2021 | Status of certification of some of the aerodromes used for international operations yet to be published in AIP AD 1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 20 Nov. 2021

| Identification  |                                       | Deficiencies                                 |                              |  | Corrective Action |                |                           |                       |
|---|---------------------------------------|--|------------------------------|--|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities                     | Description                                  | Date first reported          | Remarks  | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I                                    | <u>Kiribati</u>                       | Aerodrome Certification                      | Effective from<br>1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
|   | Christmas Island Airport, Kiritimati  |  |                              |  |                   |                |                           |                       |
|   | Bonriki International Airport, Tarawa | Aerodrome Certification                      | Effective from<br>1 Jan 2021 | Aerodrome yet to be certified.   |                   |                |                           | A                     |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | AIP                                   | Status of Certification of Aerodromes in AIP | Effective from<br>1 Jan 2021 | Status of certification of aerodromes yet to be published in AIP AD 1.5. |                   |                |                           | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 20 Nov. 2021

| Identification       |  | Deficiencies                        |                                |  | Corrective Action  |   |   |  |   |
|----------------------|--|-------------------------------------|--------------------------------|--|--|---|---|--|---|
| Requirements         | States/facilities                              | Description                         | Date first reported            | Remarks  | Description  | Executing body  | Target date of completion   | Priority for action**  |   |
| Annex 14<br>Volume I | <u>Lao PDR</u><br>Wattay International Airport | Taxiway                             | ICAO Mission of March 2011     | Provision of runway hold position lights in accordance with Para 5.3.19 of ICAO Annex 14, Volume I | Under consideration by Airports of Laos to purpose for support the budgets and installation                        |   | We have planned budgets and installation in 2025                            | A  |   |
|                      |  | Rescue and Fire Fighting (RFF):     |                                | Provision of road holding position sign at all road entrances to a runway;                         | Completed the design and submit to DCA for Approval  |   | It will be completed in December 2021                                       | A  |   |
|                      |  | Wildlife Hazards:                   |                                | Establishing a national bird control committee in accordance with APANPIRG conclusion 18/1.        | We are repairing plan for establish committee for approval from Ministry   |   | It will be completed in December 2021                                       | B  |   |
|                      |  | Aerodrome Certification             | Effective from 1 Jan 2021      | Aerodrome yet to be certified.   |  |   | Aerodrome Certification will be completed in 30 <sup>th</sup> December 2021 | A  |   |
|                      |  | Luang Prabang International Airport | Taxiway                        |  | Provision of runway hold position lights in accordance with Para 5.3.19 of ICAO Annex 14, Volume I on new taxiways | Under consideration by Airports of Laos to purpose for support the budgets and installation |   | We have planned budgets and installation during 2021 to 2025 | A |
|                      |  |                                     | Rescue and Fire Fighting (RFF) |  | Provision of road holding position sign at all road entrances to a runway  | Completed the design and submit to DCA for Approval   |   | It will be completed in December 2021                        | A |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

| Identification |  | Deficiencies                   |                           |                                | Corrective Action |                |   |                       |
|----------------|--|--------------------------------|---------------------------|--------------------------------|-------------------|----------------|---|-----------------------|
| Requirements   | States/facilities                        | Description                    | Date first reported       | Remarks                        | Description       | Executing body | Target date of completion   | Priority for action** |
|                |  | <b>Aerodrome Certification</b> | Effective from 1 Jan 2021 | Aerodrome yet to be certified. |                   |                | Aerodrome Certification will be completed in 29 <sup>th</sup> December 2022 | A                     |
|                | <b>Savannakhet International Airport</b> | <b>Aerodrome Certification</b> | Effective from 1 Jan 2021 | Aerodrome yet to be certified. |                   |                | Aerodrome Certification will be completed in 28 <sup>th</sup> December 2023 | A                     |
|                | <b>Pakse International Airport</b>       | <b>Aerodrome Certification</b> | Effective from 1 Jan 2021 | Aerodrome yet to be certified. |                   |                | Aerodrome Certification will be completed in 28 <sup>th</sup> December 2024 | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 24 May 2021 8 March 2022

| Identification   |  | Deficiencies   |                                 |   | Corrective Action  |  |  |                       |
|--|--|--|---------------------------------|---|--|--|--|-----------------------|
| Requirements   | States/facilities  | Description  | Date first reported             | Remarks   | Description  | Executing body   | Target date of completion  | Priority for action** |
| Annex 14<br>Volume I                                     | <u>Malaysia</u><br>Kuantan Haji<br>Ahmad Shah<br>Airport | Aerodrome<br>Certification                               | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   | Coordination among<br>Ministry of<br>Transport, Ministry<br>of Defense and<br>Airport Operator are<br>being conducted to<br>get the aerodrome<br>certified             | Ministry of<br>Transport and<br>Ministry of<br>Defense | 31 December 2021   | A                     |
|  | Labuan Airport   | Aerodrome<br>Certification                               | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   | Coordination among<br>Ministry of<br>Transport, Ministry<br>of Defense and<br>Airport Operator are<br>being conducted to<br>get the aerodrome<br>certified             | Ministry of<br>Transport and<br>Ministry of<br>Defense | 31 December 2021   | A                     |
|  | Lahad Datu<br>Airport<br>[WBKD]                          | Aerodrome<br>Certification                               | 08 March<br>2022                | Aerodrome yet to be<br>certified.<br>[Ref. AD 1.5, AIP,<br>effective 03 Mar. 2022]  |  |  |  | A                     |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS- AIM | AIP  | Status of<br>Certification<br>of<br>Aerodromes<br>in AIP | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>some of the aerodromes<br>used for international<br>operations yet to be<br>published in AIP AD<br>1.5. | Coordination among<br>CAAM and Airport<br>Operator are being<br>conducted to get all<br>aerodromes used for<br>international<br>operations published<br>in AIP AD 1.5. | CAAM   | 31 December 2021<br><br>Published in AD 1.5, AIP,<br>effective 03 Mar. 2022<br><b>[CLOSED]</b> | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |                                    | Deficiencies                                 |                           |  | Corrective Action |                |                           |                       |
|---|------------------------------------|--|---------------------------|--|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities                  | Description                                  | Date first reported       | Remarks  | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | <u>Marshall Islands</u><br><br>AIP | Status of Certification of Aerodromes in AIP | Effective from 1 Jan 2021 | Status of certification of aerodromes yet to be published in AIP AD 1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification            |   | Deficiencies                |                                      |                            | Corrective Action      |                                    |  |                       |
|---------------------------|---|-----------------------------|--------------------------------------|----------------------------|------------------------|------------------------------------|--|-----------------------|
| Requirements              | States/facilities                                       | Description                 | Date first reported                  | Remarks                    | Description            | Executing body                     | Target date of completion  | Priority for action** |
| <b>Annex 14, Volume I</b> | <b><u>Maldives</u><br/>Velana International Airport</b> | <b>Runway/<br/>Taxiways</b> | <b>AGA Mission Report April 2008</b> | Insufficient runway strip. | Runway strip available | Maldives Airports Company Pvt. Ltd | Apron is still within the runway strip.<br>New master plan work is in progress, new runway construction on-going, estimated date of completion: December 2019.<br>Exemption granted by the State to Aerodrome Operator till December 2019. | U                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |  | Deficiencies   |                                 |   | Corrective Action |                |                           |                       |
|---|--|--|---------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities  | Description  | Date first reported             | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I                                    | <u>Micronesia<br/>(Federated<br/>States of)</u><br><br>Pohnpei<br>International<br>Airport | Aerodrome<br>Certification                               | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   |                   |                |                           | A                     |
|   | FM Chuuk<br>International<br>Airport   | Aerodrome<br>Certification                               | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   |                   |                |                           | A                     |
|   | Yap<br>International<br>Airport  | Aerodrome<br>Certification                               | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   |                   |                |                           | A                     |
|   | Kosrae<br>Airport  | Aerodrome<br>Certification                               | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   |                   |                |                           | A                     |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | AIP  | Status of<br>Certification<br>of<br>Aerodromes<br>in AIP | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification   |  | Deficiencies  |                                 |   | Corrective Action |                |                           |                       |
|--|--|---|---------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements   | States/facilities  | Description   | Date first reported             | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| <b>Annex 14<br/>Volume I</b>                                       | <u>Nauru</u><br><b>Nauru<br/>International<br/>Airport</b> | <b>Aerodrome<br/>Certification</b>                                  | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   |                   |                |                           | A                     |
| <b>Annex 14<br/>Volume I<br/>PANS-<br/>Aerodromes<br/>PANS-AIM</b> | AIP  | <b>Status of<br/>Certification<br/>of<br/>Aerodromes<br/>in AIP</b> | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 16 Dec. 2020 8 March 2022

| Identification  |   | Deficiencies  |                                 |   | Corrective Action |                |  |                       |
|---|---|---|---------------------------------|---|-------------------|----------------|--|-----------------------|
| Requirements  | States/facilities                       | Description   | Date first reported             | Remarks   | Description       | Executing body | Target date of completion  | Priority for action** |
| <b>Annex 14<br/>Volume I<br/>PANS-<br/>Aerodromes<br/>PANS- AIM</b> | <u>Niue</u><br>(New Zealand)<br><br>AIP | <b>Status of<br/>Certification<br/>of<br/>Aerodromes<br/>in AIP</b> | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                | Published in AD 1.5 of<br>AIP Niue, effective from 2<br>Dec. 2021<br><b>CLOSED</b> | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020 8 March 2022

| Identification   |                               | Deficiencies  |                                 |   | Corrective Action |                |   |                       |
|--|-------------------------------|---|---------------------------------|---|-------------------|----------------|---|-----------------------|
| Requirements   | States/facilities             | Description   | Date first reported             | Remarks   | Description       | Executing body | Target date of completion   | Priority for action** |
| <b>Annex 14<br/>Volume I<br/>PANS-<br/>Aerodromes<br/>PANS-AIM</b> | <u>New Zealand</u><br><br>AIP | <b>Status of<br/>Certification<br/>of<br/>Aerodromes<br/>in AIP</b> | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                | Published in AD 1.5 of<br>AIP New Zealand,<br>effective from 7 Oct. 2021<br><b>CLOSED</b> | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |   | Deficiencies   |                                 |   | Corrective Action |                |                           |                       |
|---|---|--|---------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities                                       | Description  | Date first reported             | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | <u>Northern<br/>Mariana<br/>Islands (US)</u><br><br>AIP | Status of<br>Certification<br>of<br>Aerodromes<br>in AIP | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |                         | Deficiencies   |                                 |   | Corrective Action |                |                           |                       |
|---|-------------------------|--|---------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities       | Description  | Date first reported             | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | <u>Palau</u><br><br>AIP | Status of<br>Certification<br>of<br>Aerodromes<br>in AIP | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 18 June 2021 8 March 2022

| Identification       |  | Deficiencies               |                                      |  | Corrective Action |                |  |                       |
|----------------------|--|----------------------------|--------------------------------------|--|-------------------|----------------|--|-----------------------|
| Requirements         | States/facilities  | Description                | Date first reported                  | Remarks  | Description       | Executing body | Target date of completion  | Priority for action** |
| Annex 14<br>Volume I | <u>Philippines</u><br><br>Kalibo<br>International<br>Airport, Akla | Aerodrome<br>Certification | Effective<br>from 1 Jan<br>2021      | <del>Aerodrome yet to be<br/>certified.</del><br><br>Permanent aerodrome<br>certificate yet to be<br>issued. |                   |                | Temporary Aerodrome<br>Certificate issued with<br>validity from <del>28 December<br/>2020 to 28 June 2021</del> 30<br>Dec. 2021 to 29 June 2022<br>as per AIRAC AIP<br>AMDT 080/22, effective<br>from 22 Apr. 2022.    | A                     |
|                      | Puerto<br>Princesa<br>International<br>Airport                     | Aerodrome<br>Certification | Effective<br>from 1 Jan<br>2021      | <del>Aerodrome yet to be<br/>certified.</del><br><br>Permanent aerodrome<br>certificate yet to be<br>issued. |                   |                | Temporary Aerodrome<br>Certificate issued with<br>validity from <del>04 December<br/>2020 to 04 June 2021</del> 06<br>December 2021 to 6 June<br>2022 as per AIRAC AIP<br>AMDT 080/22, effective<br>from 22 Apr. 2022. | A                     |
|                      | Bohol-Panglao<br>International<br>Airport                          | Aerodrome<br>Certification | Effective<br>from 1 Jan<br>2021      | <del>Aerodrome yet to be<br/>certified.</del><br><br>Permanent aerodrome<br>certificate yet to be<br>issued. |                   |                | Temporary Aerodrome<br>Certificate issued with<br>validity from <del>23 December<br/>2020 to 23 June 2021</del> 25<br>Dec. 2021 to 25 Jun. 2022<br>as per AIRAC AIP<br>AMDT 080/22, effective<br>from 22 Apr. 2022.    | A                     |
|                      | Ninoy Aquino<br>International<br>Airport RPLL                      | Aerodrome<br>Certification | Effective<br>from 8<br>March<br>2022 | Permanent aerodrome<br>certificate yet to be<br>issued.  |                   |                | Temporary Aerodrome<br>Certificate issued with<br>validity from 31 October<br>2021 to 29 April 2022 as   | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

| Identification |                   | Deficiencies |                     |         | Corrective Action |                |   |                       |
|----------------|-------------------|--------------|---------------------|---------|-------------------|----------------|---|-----------------------|
| Requirements   | States/facilities | Description  | Date first reported | Remarks | Description       | Executing body | Target date of completion                               | Priority for action** |
|                |                   |              |                     |         |                   |                | per AIRAC AIP AMDT 080/22, effective from 22 Apr. 2022. |                       |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 16 Dec. 2020

| Identification       |  | Deficiencies                       |                                 |  | Corrective Action   |  |   |                       |
|----------------------|--|------------------------------------|---------------------------------|--|---|--|---|-----------------------|
| Requirements         | States/facilities                              | Description                        | Date first reported             | Remarks  | Description   | Executing body                             | Target date of completion   | Priority for action** |
| Annex 14<br>Volume I | <u>Mongolia</u><br><br>Buyant-Ukhaa<br>Airport | Taxiway                            | ICAO<br>Mission of<br>July 2011 | provision of<br>runway hold<br>position lights in<br>accordance with<br>Para 5.3.19 of<br>ICAO Annex 14,<br>Volume I.  | The runway hold position<br>lights will be provided in<br>accordance with Para<br>5.3.19 of ICAO Annex<br>14, Volume I.                             | Civil Aviation<br>Authority of<br>Mongolia | The RWY hold position<br>marking and mandatory<br>signs were provided to avoid<br>runway incursions on the<br>maneuvering area. Because<br>of the existing International<br>scheduled flights will be<br>transferred to new airport in<br>2020, the additional runway<br>hold position lights are<br>unrequired to install. | A                     |
|                      |  | <b>Apron:<br/>Airfield signage</b> |                                 | Provision of<br>ICAO compliant<br>signage in<br>accordance with<br>section 5.4 Annex<br>14, Volume I and<br>to cut the<br>vegetation in front<br>of the signs. | The signage will be<br>provided in accordance<br>with section 5.4 Annex<br>14, Volume I.<br><br>The vegetation in front of<br>the signs will be cut | Civil Aviation<br>Authority of<br>Mongolia | The work on cutting the<br>vegetation in front of the<br>signs was completed in 2017<br>within the totally 119560 m <sup>2</sup><br>area including, taxiway<br>strip, glide path antenna and<br>apron area, as per<br>Aerodrome manual of, in<br>scope of Aerodrome<br>maintenance plan.<br><br>[Note: Partially completed] | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 15 June 2021

| Identification       |  | Deficiencies       |                               |   | Corrective Action                    |   |  |                       |
|----------------------|--|--------------------|-------------------------------|---|--------------------------------------|---|--|-----------------------|
| Requirements         | States/facilities  | Description        | Date first reported           | Remarks   | Description                          | Executing body                            | Target date of completion  | Priority for action** |
| Annex 14<br>Volume I | <u>Myanmar</u><br><br>Yangon<br>International<br>Airport | Runway/<br>Taxiway | ICAO<br>mission<br>April 2010 | Provision of RESA in<br>accordance with Section<br>3.5 of Annex 14,<br>Volume I requirements;       | RESA will be<br>provided             | Yangon<br>Aerodrome<br>Company<br>Limited | (Risk Assessment<br>conducted by the operator<br>submitted on 10 Aug<br>2018.)<br><br>RESA for RWY 21 was<br>completed on 15 Nov<br>2018.<br><br>Revised date-<br><b>31 Dec 2021</b> | A                     |
|                      |  | Bird Hazard        |                               | Establishment of a<br>national bird committee<br>in accordance with<br>APANPIRG Conclusion<br>18/1. | Establish National<br>Bird Committee | Department of<br>Civil Aviation           | Guideline for Wildlife<br>Hazard Management at<br>Aerodromes, DCA-GM-<br>AGA 08 has been<br>developed and published<br>on 29 Oct 2018)<br><br>Revised date-<br><b>30 Nov 2021</b>    | B                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 8 June 2021

| Identification            |   | Deficiencies            |                                      |  | Corrective Action                                |                |   |                       |
|---------------------------|---|-------------------------|--------------------------------------|--|--|----------------|---|-----------------------|
| Requirements              | States/facilities                                       | Description             | Date first reported                  | Remarks  | Description                                      | Executing body | Target date of completion   | Priority for action** |
| <b>Annex 14, Volume I</b> | <b><u>Nepal</u><br/>Tribhuvan International Airport</b> | <b>Runway/ taxiways</b> | <b>ICAO Mission of February 2008</b> | Insufficient runway strip, refer recommendations given in section 3.4 of Annex 14, Volume I. | Provide runway strip as per ICAO recommendations |                | Construction works to provide sufficient strip towards runway 20 already started with target of completion in 2023. | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification  |   | Deficiencies   |                                 |   | Corrective Action |                |                           |                       |
|---|---|--|---------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities                                   | Description  | Date first reported             | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I                                    | <u>Samoa</u><br>Faleolo<br>International<br>Airport | Runway<br>Strip  | ICAO<br>Mission of<br>Oct. 2015 | Insufficient Runway<br>Strip  |                   |                |                           | A                     |
|   |   | Aerodrome<br>Pavements                                   |                                 | Lack of maintenance of<br>aerodrome pavements in<br>accordance with Annex<br>14, 10.2 |                   |                |                           | U                     |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | AIP   | Status of<br>Certification<br>of<br>Aerodromes<br>in AIP | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5.     |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification                                      |   | Deficiencies                                 |                           |  | Corrective Action |                |                           |                       |
|---|---|--|---------------------------|--|-------------------|----------------|---------------------------|-----------------------|
| Requirements  | States/facilities   | Description                                  | Date first reported       | Remarks  | Description       | Executing body | Target date of completion | Priority for action** |
| Annex 14<br>Volume I                                | <u>Solomon Islands</u><br><br>Honiara International Airport/Henderson Field | Runway Strip                                 | ICAO Mission of Oct. 2015 | Insufficient Runway Strip  |                   |                |                           | A                     |
|   |   | RESA   |                           | RESA at both ends of runway not provided                                     |                   |                |                           | U                     |
|   |   | Aerodrome Pavements                          |                           | Lack of maintenance of aerodrome pavements in accordance with Annex 14, 10.2 |                   |                |                           | U                     |
| Annex 14<br>Volume I<br>PANS-Aerodromes<br>PANS-AIM | AIP   | Status of Certification of Aerodromes in AIP | Effective from 1 Jan 2021 | Status of certification of aerodromes yet to be published in AIP AD 1.5.     |                   |                |                           | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 16-Dec-2020 15 June 2022

| Identification       |  | Deficiencies       |                               |  | Corrective Action  |                |  |                       |
|----------------------|--|--------------------|-------------------------------|--|--|----------------|--|-----------------------|
| Requirements         | States/facilities  | Description        | Date first reported           | Remarks  | Description  | Executing body | Target date of completion  | Priority for action** |
| Annex 14<br>Volume I | <u>Sri Lanka</u><br>Bandaranaike<br>International<br>Airport | Runway/<br>Taxiway | ICAO<br>mission<br>April 2010 | Provision of 280m strip width for the full length of precision approach CAT I runway in accordance with the standard 3.4.3, Annex 14, Volume I; remove obstacles from runway strip; flush the strip with the adjacent runway shoulder. | runway strip in accordance with Annex 14, Volume I will be provided, obstacles from strip will be removed and flush strip with adjacent runway shoulder. | CAASL          | Statistical analysis submitted by AASL has been accepted in 2021. Request made to submit the improved risk assessment with necessary amendments within 2022. | A                     |
|                      |  |                    |                               |  |  |                | AASL has informed that the Runway Safety Team – BIA will carry out the safety study and submit the report by June 2018.                                      |                       |
|                      |  |                    |                               | Establishment of a national bird committee in accordance with APANPIRG Conclusion 18/1.  | National Bird Committee will be established.   |                | A meeting to be held with all stakeholders to establish the Committee and to ratify the TOR by end of September 2022.  | A                     |
|                      |  |                    |                               |  |  |                | 1 <sup>st</sup> Draft of TOR of National Bird Control Committee of Sri Lanka has been compiled and ready for ratification.                                   |                       |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

2 April 2022 6 June 2022

| Identification     |   | Deficiencies |                          |   | Corrective Action  |   |  |                       |
|--------------------|---|--------------|--------------------------|---|--|---|--|-----------------------|
| Requirements       | States/facilities                               | Description  | Date first reported      | Remarks   | Description  | Executing body                              | Target date of completion  | Priority for action** |
| Annex 14, Volume I | <u>Thailand</u><br>Phuket International Airport | Runway       | AGA mission of July 2009 | RESA to satisfy Section 3.5 of Annex 14, Volume I requirements. | RESA will be provided at the end of both RWY09 and RWY27 to satisfy Section 3.5 of Annex 14, Volume I requirements.<br><br>Remark:<br>- Dimension of RESA RWY09 is 150x190 m.<br>- Dimension of RESA RWY27 is 150x120 m. | Airports of Thailand Public Company Limited | The construction is expected to be completed in 2024.<br><br>Airports of Thailand Public Company Limited already has had the contractor for this construction's project and the safety assurance and project management documentation has been approved by the Civil Aviation Authority of Thailand to ensure that the aerodrome can continue to operate safely during the project. Currently, the construction progress is 11.40%<br><br><del>The construction is expected to be completed in 2022.</del><br><br>The construction plan and budget have been approved. Airports of Thailand Public Company Limited already has had the contractor for this | U                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

| Identification |                   | Deficiencies |                     |  | Corrective Action  |   |   |                       |
|----------------|-------------------|--------------|---------------------|--|--|---|---|-----------------------|
| Requirements   | States/facilities | Description  | Date first reported | Remarks  | Description  | Executing body                              | Target date of completion   | Priority for action** |
|                |                   |              |                     |  |  |   | <p><del>construction's project. Currently, the safety assurance and project management documentation is under consideration for approval by the Civil Aviation Authority of Thailand to ensure that the aerodrome can continue to operate safely during the project.</del></p>  |                       |
|                |                   |              |                     | Runway strip width insufficient (280m runway strip for precision approach runways in accordance with Para 3.4.3 of Annex 14, Volume I. | 300m runway strip width will be made available. Except 111.4m length at the beginning of RWY09 (60m strip length before RWY09 threshold plus 51.4m length beyond the threshold), the runway strip width will be extended 150m on the right side of RWY09 centre line and 90.27m on the left side of the runway centre line (due to the marsh near the runway). | Airports of Thailand Public Company Limited | <p>The construction is expected to be completed in 2024.</p> <p>Airports of Thailand Public Company Limited already has had the contractor for this construction's project and the safety assurance and project management documentation has been approved by the Civil Aviation Authority of Thailand to ensure that the aerodrome can continue to operate safely during the project. Currently, the construction progress is 11.40%</p> | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

| Identification |                      | Deficiencies                   |                           |                                | Corrective Action   |   |   |                       |
|----------------|----------------------|--------------------------------|---------------------------|--------------------------------|---|---|---|-----------------------|
| Requirements   | States/facilities    | Description                    | Date first reported       | Remarks                        | Description   | Executing body  | Target date of completion   | Priority for action** |
|                |                      |                                |                           |                                |   |   | <p>The construction is expected to be completed by 2022.</p> <p>The construction plan and budget have been approved. Airports of Thailand Public Company Limited already has had the contractor for this construction's project. Currently, the safety assurance and project management documentation is under consideration for approval by the Civil Aviation Authority of Thailand to ensure that the aerodrome can continue to operate safely during the project.</p> |                       |
|                | <b>Krabi Airport</b> | <b>Aerodrome Certification</b> | Effective from 1 Jan 2021 | Aerodrome yet to be certified. | Certify the aerodrome in accordance with aerodrome certification requirements | The Civil Aviation Authority of Thailand and Department of Airports | <p><del>31 December 2022</del></p> <p><del>30 November 2021</del><br/>It is currently under Phase 4 of aerodrome certification.<br/>Note—Aerodrome certification is divided into 5 phases as follows:<br/>Phase 1 Pre application;</p>  | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

| Identification |   | Deficiencies                   |                           |                                | Corrective Action   |  |   |                       |
|----------------|---|--------------------------------|---------------------------|--------------------------------|---|--|---|-----------------------|
| Requirements   | States/facilities                             | Description                    | Date first reported       | Remarks                        | Description   | Executing body   | Target date of completion   | Priority for action** |
|                |   |                                |                           |                                |   |  | Phase 2 Formal Application;<br>Phase 3 Document Evaluation;<br>Phase 4 Demonstration and Audit; and<br>Phase 5 Certification.   |                       |
|                | <b>Hua Hin Airport</b>                        | <b>Aerodrome Certification</b> | Effective from 1 Jan 2021 | Aerodrome yet to be certified. | Certify the aerodrome in accordance with aerodrome certification requirements | The Civil Aviation Authority of Thailand and Department of Airports    | <del>30 June 2023</del><br><del>30 November 2021</del><br>It is currently under Phase 4 of aerodrome certification.<br>Note—Aerodrome certification is divided into 5 phases as follows:<br>Phase 1 Pre-application;<br>Phase 2 Formal Application;<br>Phase 3 Document Evaluation;<br>Phase 4 Demonstration and Audit; and<br>Phase 5 Certification. | A                     |
|                | <b>U-Taphao Pattaya International Airport</b> | <b>Aerodrome Certification</b> | Effective from 1 Jan 2021 | Aerodrome yet to be certified. | Certify the aerodrome in accordance with aerodrome certification requirements | The Civil Aviation Authority of Thailand and U-Tapao Airport Authority | 30 July 2021<br>It is currently under Phase 4 of aerodrome certification.<br>Note—Aerodrome certification is divided into 5 phases as follows:  | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

| Identification |                   | Deficiencies            |                           |                                | Corrective Action   |   |  |                       |
|----------------|-------------------|-------------------------|---------------------------|--------------------------------|---|---|--|-----------------------|
| Requirements   | States/facilities | Description             | Date first reported       | Remarks                        | Description   | Executing body  | Target date of completion  | Priority for action** |
|                |                   |                         |                           |                                |   |   | <del>Phase 1 Pre application;</del><br><del>Phase 2 Formal Application;</del><br><del>Phase 3 Document Evaluation;</del><br><del>Phase 4 Demonstration and Audit; and</del><br><del>Phase 5 Certification.</del><br>Thailand updated the AP-AA/WG/4 that U-Tapao Airport was certified on 02 March 2022. Post AP-AA/WG/4, Thailand provided a copy of the Aerodrome Certificate granted to U-Tapao Airport to ICAO APAC Office.<br><b>[CLOSED]</b> |                       |
|                | Samui Airport     | Aerodrome Certification | Effective from 1 Jan 2021 | Aerodrome yet to be certified. | Certify the aerodrome in accordance with aerodrome certification requirements | The Civil Aviation Authority of Thailand and Bangkok Airways Public Company Limited | <del>31 December 2022</del><br><del>30 September 2021</del><br>It is currently under Phase 5 of aerodrome certification.<br>Note—Aerodrome certification is divided into 5 phases as follows:<br>Phase 1 Pre application;<br>Phase 2 Formal Application;<br>Phase 3 Document Evaluation;<br>Phase 4 Demonstration and  | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

| Identification |                            | Deficiencies                   |                           |                                | Corrective Action   |   |   |                       |
|----------------|----------------------------|--------------------------------|---------------------------|--------------------------------|---|---|---|-----------------------|
| Requirements   | States/facilities          | Description                    | Date first reported       | Remarks                        | Description   | Executing body  | Target date of completion   | Priority for action** |
|                |                            |                                |                           |                                |   |   | <del>Audit; and Phase 5 Certification.</del>  |                       |
|                | <b>Surat Thani Airport</b> | <b>Aerodrome Certification</b> | Effective from 1 Jan 2021 | Aerodrome yet to be certified. | Certify the aerodrome in accordance with aerodrome certification requirements | The Civil Aviation Authority of Thailand and Department of Airports | <del>31 December 2022</del><br><del>30 November 2021</del><br>It is currently under Phase 4 of aerodrome certification.<br>Note – Aerodrome certification is divided into 5 phases as follows:<br>Phase 1 Pre application;<br>Phase 2 Formal Application;<br>Phase 3 Document Evaluation;<br>Phase 4 Demonstration and Audit; and<br>Phase 5 Certification. | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 4 May 2021 17 May 2022

| Identification       |  | Deficiencies               |                                 |                                   | Corrective Action  |  |  |                       |
|----------------------|--|----------------------------|---------------------------------|-----------------------------------|--|--|--|-----------------------|
| Requirements         | States/facilities  | Description                | Date first reported             | Remarks                           | Description  | Executing body   | Target date of completion  | Priority for action** |
| Annex 14<br>Volume I | <u>Timor-Leste</u>   | Aerodrome<br>Certification | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified. | Certification process<br>restarted.  | ANATL* as<br>AD operator<br>*National AD and<br>ATS provider | Initial target date was<br>30/June/2021.<br>However due to COVID<br>pandemic and AD operator<br>budget problem the target<br>date of completion will be<br>probably extended up to<br>31/December/2021 | A                     |
|                      | AD operator has to<br>correct couple of<br>findings<br>(noncompliance)<br>requested by national<br>regulator (AACTL) |                            |                                 |                                   | Based on the newly revised<br>PNLIA Certification Road<br>Map, the completion of the<br>certification process is<br>estimated to be concluded<br>by December 2022.   |  |  |                       |
|                      | Commander-in-<br>Chief of the<br>FALINTIL –<br>Kay Rala<br>Xanana<br>Gusmão<br>International<br>Airport, Suai        | Aerodrome<br>Certification | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified. | To be certify for its<br>designed category<br>(3C) the significant<br>safety issue relating<br>to AD strip (local<br>houses and habitants<br>must be relocated!)<br>should be resolved.<br>Currently AD is<br>occasionally in use<br>for domestic general<br>aviation and<br>helicopters only. | Gov. TL and<br>ANATL as<br>AD operator                       | Estimated date:<br>31 December 2022  | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

| Identification  |                   | Deficiencies                                 |                           |  | Corrective Action                         |                |                                      |                       |
|---|-------------------|--|---------------------------|--|---|----------------|--------------------------------------|-----------------------|
| Requirements  | States/facilities | Description                                  | Date first reported       | Remarks  | Description                               | Executing body | Target date of completion            | Priority for action** |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | AIP               | Status of Certification of Aerodromes in AIP | Effective from 1 Jan 2021 | Status of certification of aerodromes yet to be published in AIP AD 1.5. | New TL AIP is published on 25/March/2021. | AACTL          | In correlation with AD certification | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification   |   | Deficiencies  |  |   | Corrective Action |                |                           |                       |
|--|---|---|--|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements   | States/facilities   | Description   | Date first reported                      | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| <b>Annex 14<br/>Volume I</b>                                       | <b><u>Tonga</u><br/>Fua'amotu<br/>International<br/>Airport</b> | <b>Runway<br/>Strip</b>   | <b>ICAO<br/>Mission of<br/>Oct. 2015</b> | Insufficient Runway<br>Strip  |                   |                |                           | A                     |
| <b>Annex 14<br/>Volume I<br/>PANS-<br/>Aerodromes<br/>PANS-AIM</b> | <b>AIP</b>  | <b>Status of<br/>Certification<br/>of<br/>Aerodromes<br/>in AIP</b> | Effective<br>from 1 Jan<br>2021          | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification   |   | Deficiencies  |                                 |   | Corrective Action |                |                           |                       |
|--|---|---|---------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements   | States/facilities   | Description   | Date first reported             | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| <b>Annex 14<br/>Volume I</b>                                       | <b><u>Tuvalu</u><br/>Funafuti<br/>International<br/>Airport</b> | <b>Aerodrome<br/>Certification</b>                                  | Effective<br>from 1 Jan<br>2021 | Aerodrome yet to be<br>certified.   |                   |                |                           | A                     |
| <b>Annex 14<br/>Volume I<br/>PANS-<br/>Aerodromes<br/>PANS-AIM</b> | <b>AIP</b>  | <b>Status of<br/>Certification<br/>of<br/>Aerodromes<br/>in AIP</b> | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated 16 Dec. 2020

| Identification   |                       | Deficiencies  |                                 |   | Corrective Action |                |                           |                       |
|--|-----------------------|---|---------------------------------|---|-------------------|----------------|---------------------------|-----------------------|
| Requirements   | States/facilities     | Description   | Date first reported             | Remarks   | Description       | Executing body | Target date of completion | Priority for action** |
| <b>Annex 14<br/>Volume I<br/>PANS-<br/>Aerodromes<br/>PANS-AIM</b> | <u>Vanuatu</u><br>AIP | <b>Status of<br/>Certification<br/>of<br/>Aerodromes<br/>in AIP</b> | Effective<br>from 1 Jan<br>2021 | Status of certification of<br>aerodromes yet to be<br>published in AIP AD<br>1.5. |                   |                |                           | A                     |

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated 3 June 2021 26 June 2022

| Identification  |                            | Deficiencies                                 |                           |   | Corrective Action                                    |                |   |                       |
|---|----------------------------|--|---------------------------|---|--|----------------|---|-----------------------|
| Requirements  | States/facilities          | Description                                  | Date first reported       | Remarks   | Description  | Executing body | Target date of completion   | Priority for action** |
| Annex 14<br>Volume I<br>PANS-<br>Aerodromes<br>PANS-AIM | <u>Viet Nam</u><br><br>AIP | Status of Certification of Aerodromes in AIP | Effective from 1 Jan 2021 | Status of certification of one of the aerodromes used for international operations yet to be published in AIP AD 1.5. | Certify aerodromes used for international operations | CAAV           | <p><b>WORK IN PROGRESS</b> – CAAV has checked and recognized that Lien Khuong is a domestic aerodrome used for international operation under the Article 80 of the revised Civil Aviation Law of Vietnam.</p> <p>- CAAV published the status of certification of 13 domestic aerodromes in AIP, AD 1.5 in the AIP Amendment No 03/2020, issued on November 30<sup>th</sup> 2020 (including Lien Khuong aerodrome).</p> <p>—CAAV is conducting the procedures to certify the aerodromes in Vietnam used for international operations (including Lien Khuong aerodrome).</p> <p>Due to the impact of the Covid-19 pandemic, the procedure for upgrading, announcing Lien Khuong aerodrome as an international aerodrome has not been completed as planned. The CAAV has</p> | A                     |

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

| Identification |                   | Deficiencies |                     |         | Corrective Action |                |  |                       |
|----------------|-------------------|--------------|---------------------|---------|-------------------|----------------|--|-----------------------|
| Requirements   | States/facilities | Description  | Date first reported | Remarks | Description       | Executing body | Target date of completion  | Priority for action** |
|                |                   |              |                     |         |                   |                | adjusted the schedule as follows:<br>- Completing the transition from the Aeronautical Information Service (AIS) to the Aeronautical Information Management (AIM) by the end of 2022. After the transition completed, the certifications of all operating aerodromes in Viet Nam will be published in AIP (including Lien Khuong aerodrome).<br>- Completing the procedure for upgrading, announcing Lien Khuong aerodrome as an international aerodrome in accordance with the Civil Aviation Law by the end of 2022.<br>- Completing publishing Lien Khuong aerodrome as an international aerodrome in AIP in the first quarter of 2023.<br><br><b>Target date of completion:</b><br><del>End of 2021</del> the first quarter of 2023. |                       |

\* Priority for action to remedy the shortcoming is based on the following safety assessments:

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

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“U” priority = Urgent requirements having a direct impact on safety and requiring immediate corrective actions. Urgent requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is urgently required for air navigation safety.

“A” priority = Top priority requirements necessary for air navigation safety. Top priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation safety.

“B” priority = Intermediate requirements necessary for air navigation regularity and efficiency. Intermediate priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation regularity and efficiency.



ICAO

**APANPIRG  
AERODROMES OPERATIONS AND PLANNING SUB-GROUP (AOP/SG)**

**LIST OF AOP FOCAL POINTS [Updated on 8 December 2021]**

| NAME                  |                     | TITLE/ORGANIZATION   | TEL/FAX NUMBER                               | E-MAIL   |
|-----------------------|---------------------|--|--|--|
| <b>1. AFGHANISTAN</b> |                     |  |  |  |
| 1.                    | Engineer Najibullah | Head of Aerodrome Standardization<br>Afghanistan Civil Aviation Authority  | –  | <a href="mailto:najib0107@gmail.com">najib0107@gmail.com</a> ;                                     |
| <b>2. AUSTRALIA</b>   |                     |  |  |  |
| 2.                    | Mr. Dan Parsons     | Senior Standards Officer (Aerodromes & Heliports)<br>Flight Standards Branch<br>National Operations and Standards/CASA<br>180 Ann Street Brisbane QLD 4000<br>GPO Box 2005 Canberra ACT 2601 | Tel: +61 7 3144 7426                         | <a href="mailto:Dan.Parsons@casa.gov.au">Dan.Parsons@casa.gov.au</a> ;                             |
| 3.                    | Mr. Rodney Evans    | ARFF Standards Lead<br>Airservices Australia<br>Eastern Avenue Bilinga Coolangatta Airport,<br>Coolangatta, QLD<br>PO Box 300 Coolangatta QLD 4225   | Tel: +61 7 5599 5909<br>Fax: +61 7 5590 2718 | <a href="mailto:Rodney.Evans@airservicesaustralia.com">Rodney.Evans@airservicesaustralia.com</a> ; |
| <b>3. BANGLADESH</b>  |                     |  |  |  |
| 4.                    | Mr. MD. Ayub Khan   | Assistant Director (SAR)<br>Directorate of Flight Safety & Regulations<br>Civil Aviation Authority of Bangladesh<br>Civil Aviation Authority Headquarters<br>Kurmitola, Dhaka-1229           | Tel: +880 2 8901406                          | <a href="mailto:ayubcaab@gmail.com">ayubcaab@gmail.com</a> ;                                       |

**LIST OF AOP FOCAL POINTS**

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|--|---|--|--|
| <b>4. BHUTAN</b>                       |   |  |  |
| 5. Mr. Sangay Wangdi                   | Head of Aerodrome<br>Bhutan Civil Aviation Authority<br>Paro International Airport, Paro, Bhutan  | Tel: +975-8-271 911<br>Mob: +975-17119277<br>Fax: +975-8-271 909 | <a href="mailto:swangdi@bcaa.gov.bt">swangdi@bcaa.gov.bt</a> ;                   |
| <b>5. BRUNEI DARUSSALAM</b>            |   |  |  |
| 6. Mr. Mohamad Fauzi bin Mohamad Sidek | Acting Deputy Director (Regulator)<br>Department of Civil Aviation<br>Brunei Darussalam   | Tel: +673 233 0142<br>Mob: +673 816 8909                         | <a href="mailto:ddca.regulatory@dca.gov.bn">ddca.regulatory@dca.gov.bn</a> ;     |
| 7. Mr. Pg Rasman bin Pg Sulaiman       | Aerodrome Inspector<br>Department of Civil Aviation<br>Brunei Darussalam  | Tel: +673 233 0142<br>Mob: +673 885 4714                         | <a href="mailto:rasman.sulaiman@dca.gov.bn">rasman.sulaiman@dca.gov.bn</a> ;     |
| 8. Ms. Norhidayah Haji Ismail          | Air Traffic Control Officer (ANS Inspector)<br>Department of Civil Aviation<br>Brunei Darussalam  | Tel: +673 233 0142<br>Mob: +673 883 4614                         | <a href="mailto:norhidayah.ismail@dca.gov.bn">norhidayah.ismail@dca.gov.bn</a> ; |
| <b>6. CAMBODIA</b>                     |   |  |  |
| 9. Mr. Eng Samreth                     | Deputy Director (Aerodrome Inspector)<br>of Airport Standards and Safety<br>State Secretariat of Civil Aviation<br>#44, Phnom Penh International Airport,<br>Russian Blv., Phnom Penh | Tel: +855 98 628811  | <a href="mailto:engsamreth@gmail.com">engsamreth@gmail.com</a> ;                 |
| <b>7. CHINA</b>                        |   |  |  |
| 10. Mr. Ma Zhigang                     | Deputy Director General<br>Department of Airport<br>Civil Aviation Administration of China (CAAC)<br>No.155 Dongsi Xidajie, Dong Cheng Dist., Beijing                                 | Tel: +8610 64091804<br>Fax: +8610 64019967                       | <a href="mailto:zhg_ma@caac.gov.cn">zhg_ma@caac.gov.cn</a> ;                     |

**LIST OF AOP FOCAL POINTS**

| NAME                   |                   | TITLE/ORGANIZATION   | TEL/FAX NUMBER                              | E-MAIL   |
|------------------------|-------------------|--|---|--|
| 11.                    | Ms. Lyu Qing      | Deputy Assistant Division Chief<br>Civil Aviation Administration of China<br>No. 155, Dongsi Xidajie, Beijing 100710   | Tel: +8610 6409 2804                        | <a href="mailto:lvqing@caac.gov.cn">lvqing@caac.gov.cn</a> ;             |
| 12.                    | Mr. Liang Shixin  | Intermediate Engineer<br>CAAC General Station of Quality Supervision of<br>Specialized Engineering<br>No. 6 Yutong East St., Chaoyang Dist., Beijing,  | Tel: +86 18801 297577                       | <a href="mailto:liangshixin@caac.gov.cn">liangshixin@caac.gov.cn</a> ;   |
| 13.                    | Mr. Guo Jingcheng | Deputy Consultant<br>Airport Division,<br>Civil Aviation Administration of China (CAAC)<br>Beijing, China  | Tel: +86 010-64092854                       | <a href="mailto:guojingcheng@caac.gov.cn">guojingcheng@caac.gov.cn</a> ; |
| 14.                    | Mr. Yu Yali       | Department of Airport<br>Civil Aviation Administration of China  |   | <a href="mailto:yl_yu@caac.gov.cn">yl_yu@caac.gov.cn</a>                 |
| <b>HONG KONG CHINA</b> |                   |  |   |  |
| 15.                    | Mr. Raymond NG    | Assistant Director-General of Civil Aviation<br>(Airport Standards), Civil Aviation Department<br>Civil Aviation Department Headquarters<br>1 Tung Fai Road, Hong Kong Int'l Airport,<br>Lantau, Hong Kong China | Tel.: +852-2910 6196<br>Fax: +852-2795 8469 | <a href="mailto:rcong@cad.gov.hk">rcong@cad.gov.hk</a> ;                 |
| 16.                    | Ms. Amy POON      | Chief Safety Officer (Airport and Safety Regulation)<br>Civil Aviation Department<br>Civil Aviation Department Headquarters<br>Lantau, Hong Kong China   | Tel.: +852-2910 6968<br>Fax: +852-2795 8469 | <a href="mailto:aympon@cad.gov.hk">aympon@cad.gov.hk</a> ;               |
| 17.                    | Ms. Rosa YIP      | Senior Safety Officer (Airport), Civil Aviation<br>Department, Civil Aviation Department<br>Headquarters, 1 Tung Fai Road, Hong Kong<br>International Airport, Hong Kong China                                   | Tel.: +852-2910 6973<br>Fax: +852-2795 8469 | <a href="mailto:rmlyip@cad.gov.hk">rmlyip@cad.gov.hk</a> ;               |

**LIST OF AOP FOCAL POINTS**

| NAME               |                                   | TITLE/ORGANIZATION  | TEL/FAX NUMBER   | E-MAIL   |
|--------------------|-----------------------------------|---|--|--|
| 18.                | Mr. Steven PANG                   | Acting Senior Safety Officer (Airport)<br>Civil Aviation Department<br>Civil Aviation Department Headquarters<br>1 Tung Fai Road, Hong Kong Int'l Airport, Lantau,<br>Hong Kong China | Tel.: +852-2910 6970<br>Fax: +852-2795 8469                        | kh pang@cad.gov.hk;  |
| <b>MACAO CHINA</b> |                                   |   |  |  |
| 19.                | Mr. LAM Tat Ming (Taft)           | Director of Airport Infrastructure & Air Navigation<br>Civil Aviation Authority<br>Macao, China   | Tel: +853 2851 1213<br>+853 8796 4120<br>Fax: +853 2833 8089       | <a href="mailto:taftlam@aacm.gov.mo">taftlam@aacm.gov.mo</a> ;                           |
| 8.                 | <b>COOK ISLANDS</b>               |   |  |  |
| 20.                | Mr. John Hosking                  | Ministry of Transport<br>PO Box 61   Avarua, Rarotonga,<br>Cook Islands   | Tel: +(682) 28810  | <a href="mailto:john.hosking@cookislands.gov.ck">john.hosking@cookislands.gov.ck</a> ;   |
| 21.                | Mr. Dennis Hoskin                 | Ministry of Transport<br>PO Box 61   Avarua, Rarotonga,<br>Cook Islands   | Tel: +(682) 28810  | <a href="mailto:dennis.hoskin@cookislands.gov.ck">dennis.hoskin@cookislands.gov.ck</a> ; |
| 9.                 | <b>DPR KOREA (1)</b>              |   |  |  |
| 22.                | Mr. Rim Chong Il                  | Deputy Director of Aerodrome Department<br>General Administration of Civil Aviation<br>DPR of Korea   | Tel: +850 2 18111 Ext.<br>8108<br>Fax: +850 2 3814410 Ext.<br>4625 | <a href="mailto:gaca@silibank.net.kp">gaca@silibank.net.kp</a> ;                         |
| 10.                | <b>FIJI (1)</b>                   |   |  |  |
| 23.                | Mr. Ratu Maibulu Q.<br>Laliqavoka | Technical Officer Aerodromes, Ground Safety<br>Department<br>Civil Aviation Authority of Fiji<br>Private Mail Bag NAP 0354, Nadi Int'l Airport,                                       | Tel: +679 672 1555<br>Mob: +679 992 8949                           | <a href="mailto:maibulu.laliqavoka@caaf.org.fj">maibulu.laliqavoka@caaf.org.fj</a> ;     |

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| NAME |                  | TITLE/ORGANIZATION           | TEL/FAX NUMBER   | E-MAIL  |
|------|------------------|------------------------------|--|---|
| 11.  | <b>INDIA</b>     |                              |  |   |
|      | 24.              | Mr. Dinesh Chand Sharma      | Joint Director General of Civil Aviation<br>Directorate General of Civil Aviation<br>Aerodrome Standards Directorate,<br>DGCA Hqrs., New Delhi 110003                  | Tel: +91 11 2465 3883<br><br><a href="mailto:dcsharma.dgca@nic.in">dcsharma.dgca@nic.in</a> ;       |
|      | 25.              | Mr. Amit Srivastava          | Deputy Director of Operations<br>Directorate General of Civil Aviation<br>Aerodrome Standards Directorate, DGCA Hqrs.,<br>Opp. Safdarjung Airport,<br>New Delhi 110003 | Tel: +91 11 2462 2495<br><br><a href="mailto:amits.dgca@nic.in">amits.dgca@nic.in</a> ;             |
| 12.  | <b>INDONESIA</b> |                              |  |   |
|      | 26.              | Ms. Ade Trisetyo             | Aerodrome Inspector<br>Directorate of Airport - Airport Standardization<br>Directorate General Civil Aviation<br>Medan Merdeka Barat No. 8,<br>Jakarta 10110           | Tel: +62 350 6661<br><br><a href="mailto:adeth_rossi@yahoo.com">adeth_rossi@yahoo.com</a> ;         |
|      | 27.              | Mr. Agung Wibowo             | Airport Inspector<br>Directorate of Airport<br>Directorate General Civil Aviation<br>Sinath Tower, Jl. Silangit Blok B,<br>Jakarta 10610                               | Tel: +62 822990 05421<br><br><a href="mailto:agungwibowost@yahoo.com">agungwibowost@yahoo.com</a> ; |
|      | 28.              | Mr. Petrus Hery Tris Cahyono | Airport Inspector, Directorate of Airport<br>Directorate General Civil Aviation<br>Sinath Tower, Silangit Blok B, Jakarta 10610  | Tel: +62 81213992467<br><br><a href="mailto:herytris07@gmail.com">herytris07@gmail.com</a> ;        |
|      | 29.              | Mr. Alexander                | Aerodrome Inspector<br>Directorate General Civil Aviation<br>Medan Merdeka Barat No. 8, Jakarta 10110  | Tel: +62 350 6661<br><br><a href="mailto:alex.dgca@gmail.com">alex.dgca@gmail.com</a> ;             |

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| NAME |                                      | TITLE/ORGANIZATION   | TEL/FAX NUMBER        | E-MAIL   |
|------|--------------------------------------|--|-----------------------|--|
| 13.  | <b>JAPAN</b>                         |  |                       |  |
|      | 30. Mr. Hideaki YOKONO               | Senior Coordinator for Airport Operation<br>Airport Safety Office, Aviation Safety and Security<br>Planning Division,<br>Japan Civil Aviation Bureau, Ministry of Land,<br>Infrastructure, Transport and Tourism | –                     | <a href="mailto:yokono-h2dy@mlit.go.jp">yokono-h2dy@mlit.go.jp</a> ;   |
|      | 31. Mr. Tsuyoshi Yanagita            | Chief of Airport Safety Information<br>Japan Civil Aviation Bureau<br>2-1-3 kasumigaseki, Chiyodaku,<br>Tokyo100-8918  | Tel: +81 3 5253 8701  | <a href="mailto:yanagita-t10hy@mlit.go.jp">yanagita-t10hy@mlit.go.jp</a> ;   |
| 14.  | <b>KIRIBATI</b>                      |  |                       |  |
|      | 32. Mr. Tiamwa Teaiwa                | Civil Aviation Authority<br>Ministry of Information, Communications,<br>Transport and Tourism Development<br>Tarawa, Kiribati  | –                     | <a href="mailto:ans.ai@micttd.gov.ki">ans.ai@micttd.gov.ki</a> ;   |
| 15.  | <b>LAO PDR</b>                       |  |                       |  |
|      | 33. Mr. Sengsangouane<br>Chanthavong | Deputy Director of Aerodrome Safety and Standards<br>Division, Department of Civil Aviation<br>Ministry of Public Works and Transport  | Tel: +85620 2222 8823 | <a href="mailto:ngouane2008@yahoo.com">ngouane2008@yahoo.com</a> ;   |
|      | 34. Ms. Malaythong<br>Phimmasone     | Deputy Director of Aerodrome Safety and Standards<br>Division, Department of Civil Aviation<br>Ministry of Public Works and Transport  | Tel: +85620 5414 4354 | <a href="mailto:malaythong@dcal.gov.la">malaythong@dcal.gov.la</a> ;<br><a href="mailto:thong.dca@gmail.com">thong.dca@gmail.com</a> ; |
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| NAME |                               | TITLE/ORGANIZATION   | TEL/FAX NUMBER                                 | E-MAIL   |
|------|-------------------------------|--|--|--|
| 16.  | <b>MALAYSIA</b>               |  |  |  |
| 36.  | Dr. Zainul Fuad bin Md. Wahi, | Director of Aerodrome Standards<br>Civil Aviation Authority of Malaysia<br>Block Podium, No. 27 Persiaran Perdana,<br>Precint 4, 62618 Putrajaya           | –  | <a href="mailto:zainul1@caam.gov.my">zainul1@caam.gov.my</a> ;   |
| 37.  | Mr. Mahyuddin Bin Sajuri      | Deputy Director, Aerodrome Standards Div.<br>Civil Aviation Authority of Malaysia<br>Block Podium, No. 27 Persiaran Perdana,<br>Precint 4, 62618 Putrajaya | Tel: +603 8871 4042<br>Fax: +603               | <a href="mailto:mahyuddin@caam.gov.my">mahyuddin@caam.gov.my</a> ;   |
| 38.  | Ms. Sharmini Manickam         | Senior Assistant Director, Aerodrome Standards<br>Civil Aviation Authority of Malaysia,<br>Precint 4, 62618 Putrajaya                                      | Tel: +603 8871 4040<br>Fax: +603 8890 1640     | <a href="mailto:sharmini@caam.gov.my">sharmini@caam.gov.my</a> ;   |
| 17.  | <b>MALDIVES</b>               |  |  |  |
| 39.  | Ms. Fathimath Ramiza          | Director Air Navigation and Aerodrome<br>Maldives Civil Aviation Authority<br>Velaanaage, Ameer Ahmed Magu,<br>Male' 20096                                 | Tel: +960 334 2984<br>Fax: +960 332 3039       | <a href="mailto:ramiza@caa.gov.mv">ramiza@caa.gov.mv</a> ;   |
| 40.  | Ms. Aminath Shiznee           | Senior Aerodrome Inspector<br>Maldives Civil Aviation Authority, Velaanage<br>11 <sup>th</sup> Floor, Ameer Ahmed Magu, Male' 20096                        | Tel: +960 3324983<br>Fax: +960 3323039         | <a href="mailto:civav@caa.gov.mv">civav@caa.gov.mv</a> ;<br><a href="mailto:shiznee@caa.gov.mv">shiznee@caa.gov.mv</a> ;             |
| 18.  | <b>MARSHALL ISLANDS</b>       |  |  |  |
| 41.  | Mr. Alice John                | Principal AVSEC/FAL/AGA Inspector<br>Directorate of Civil Aviation<br>P.O. Box 1114, Majuro,<br>Marshall Islands 96960                                     | Tel: 011(692)625-6179<br>Fax: 011(692)625-6170 | <a href="mailto:alcapelle@yahoo.com">alcapelle@yahoo.com</a> ;<br><a href="mailto:alcapelle68@gmail.com">alcapelle68@gmail.com</a> ; |

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| NAME |   | TITLE/ORGANIZATION   | TEL/FAX NUMBER                                      | E-MAIL   |
|------|---|--|---|--|
| 19.  | <b>MICRONESIA (FEDERATED STATES OF)</b> |  |   |  |
| 42.  | Mr. Ryan L. Donre                       | Airport Safety Inspector<br>FSM Transportation, Communications & Infrastructure, Division of Civil Aviation  | –   | <a href="mailto:ryan.donre@tci.gov.fm">ryan.donre@tci.gov.fm</a> ;       |
| 43.  | Mr. Glenn Harris                        | Assistant Secretary<br>FSM Transportation, Communications & Infrastructure, Division of Civil Aviation   | –   | <a href="mailto:glenn.harris@tci.gov.fm">glenn.harris@tci.gov.fm</a> ;   |
| 20.  | <b>MONGOLIA</b>                         |  |   |  |
| 44.  | Mr. Munkhbold Ganbold                   | Aerodrome inspector, Air Navigation Division<br>Safety Regulation Department<br>Civil Aviation Authority of Mongolia<br>Buyant-Ukhaa, Khan-Uul District, Ulaanbaatar | Tel: +976-11-285048<br>Mob: +976-11-88013779        | <a href="mailto:munkhbold.g@mcaa.gov.mn">munkhbold.g@mcaa.gov.mn</a> ;   |
| 21.  | <b>MYANMAR</b>                          |  |   |  |
| 45.  | Mr. Kyaw Soe                            | Director (Aerodrome Standards & Safety)<br>Department of Civil Aviation<br>Headquarters Building, Airport Road, Mingalardon Tsp., 11021, Yangon, Myanmar             | Tel: +951 533002<br>+951 533013<br>Fax: +951 533000 | <a href="mailto:kyawsoedca@gmail.com">kyawsoedca@gmail.com</a> ;         |
| 46.  | Mr. Hla Phone Zaw                       | Deputy Director, Aerodrome Standards & Safety Div.<br>Department of Civil Aviation<br>Headquarters Building, Yangon, Myanmar   | Tel: +951 533002<br>+951 533013<br>Fax: +951 533000 | <a href="mailto:hpzdca28@gmail.com">hpzdca28@gmail.com</a> ;             |
| 47.  | Mr. Khin Maung Myint                    | Adviser, Department of Civil Aviation<br>Headquarters Building, Airport Road,<br>Mingalardon Tsp., 11021, Yangon, Myanmar  | Tel: +951 533002<br>+951 533013<br>Fax: +951 533000 | <a href="mailto:kmm.dca@gmail.com">kmm.dca@gmail.com</a> ;               |
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**LIST OF AOP FOCAL POINTS**

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